

GREAT AIRSHIP RACES

Purses Offered at the World's Fair Increases Energies of Inventors

Louis, June 29.—A new era in transit, with the beginning of evolution in travel, is likely to be its inception in the great airship races at the world's fair. The purses offered as awards aggregating \$200,000 bring entries from all parts of the world and there is sure to be something doing. Every ambitious inventor of a flying machine has entered the competition and many kinds of airships will be in evidence.

Many cash prizes are to be awarded. The largest is a prize of \$100,000 to the aeronaut whose average speed will be greatest in three trips. Under the rules of the contest every winner may pass over the course in a continuous flight as many times as desired, and the time as recorded by judges will be the average time in which it covers the full course. No time will be considered unless the full course is covered, and the aeronaut must make three complete trips around the course at an average speed of at least 2 miles an hour. The race will continue during the months of July, August and September.

Twelve acres included in a fence of great height near the administration building of the fair constitute a windmill and starting point for the races. The competitors include all the great airship inventors of the world, Santos-Dumont, Sir Hiram Maxim, Prof. Langley, Leo Stevens, Octave Chanute and others already well known being among the number. Besides these distinguished aerial navigators there are scores of unknown inventors who have been awaiting an opportunity to bring their machines into prominence and compete for the big cash prizes offered by the Louisiana Purchase Exposition company.

Airships of various kinds are preparing for the races over the aerial course. One inventor from Memphis, Md., M. McGary, has an egg-shaped bag 48 feet long by 2 feet wide which to which is a car 21 feet long, five feet wide and four feet deep. The machine is propelled by four propellers wings patterned after the wings of the common house fly and steered by a rudder shaped like the tail of a fish. The inventor claims that the wings of a fly have a pull-power both downward and upward and that his machine therefore has twice the power of those of propellers fashioned after the wings of a bird.

W. M. Morris, of Monte Vista, Colorado, a mining man has constructed a machine which he thinks will solve the problem of aerial navigation. It is 12 feet long and 3 feet in diameter, made of aluminum without any gas attachment. Its inventor claims that it is a speed of 100 miles an hour in steady flight without lunging, tilting, tipping and he feels confident of carrying off some of the honors in the great aerial races.

Another Colorado man, E. A. Kind, of Denver, will enter the contest with an airship which he claims will travel 80 miles an hour. His machine consists of a balloon with canvas flaps 10 feet wide extending entirely

around it, for protection against sudden descent. These flaps are limp except in case of too sudden a descent, when they open out like a parachute. This is only one of several safety appliances which belongs to framework is made of aluminum and light steel tubing. The motive power is a strong battery constructed in the lightest possible manner, the motor, battery and propeller together only weighing 300 pounds.

A balloonist of Streator, Ill., named Reiferscheid, will race with a horizontal balloon, built somewhat after the shape of a cigar and pointed at both ends. Around the balloon are ships of aluminum of sufficient strength for substantial framework. Propellers are placed at both ends of the machine, six in all being used, for use in raising and lowering and guiding it. A six-horse-power gasoline motor will provide the power. The balloon will be filled with hydrogen gas and will be hermetically sealed. Large fans will provide a safety device to enable the ship to descend slowly in case of a collapse of the balloon.

Samuel T. Best, a Louisville, Ky., real estate man, has invented an airship, for which he claims great results. He has been working on his plans for 37 years before perfecting them. He claims to be able to make 60 miles an hour in his ship. He got the first idea for his invention from watching a child's whirling top at school. Best's balloon consists of two gas chambers 30 feet long, six feet in diameter in the center, tapering toward the ends. There is an elevated plane, circular in form, made of aluminum 20 feet in diameter. This constituted the twelve wings of the machine. The carriage is 12 feet long, four feet wide at the rear, tapering to a point in front. Power is provided by a four-horse-power gasoline motor. There are two screw propellers, the one in the front serving also to guide the ship. The elevated plane will act as a parachute to prevent too rapid descent in case of accident.

Dr. August Greth, of San Francisco, will enter the world's fair contest with an airship which he has already thoroughly tested with considerable satisfaction and which he claims to have under perfect control. It is a large pear-shaped balloon, pointed in front, to which is attached an aluminum car. A large rudder placed some distance from the car serves to guide the machine and a motor similar to the lightest automobile motor, furnishes the power.

An English inventor, named Beedle, has an airship which he thinks will prove a winner in the big contest. The frame of the ship is built of bicycle tubing, the three main tubes, extending the entire length, being brought to a point at each end. The frame is so arranged as to form a triangle within which is placed the motor and the aeronaut's basket. The total length of the framework is 50 feet. The weight of the motor and its frame complete is 417 pounds. The total weight of the airship's framework is 860 pounds. The motor used is a 15-horse-power gasoline engine, in whose construction aluminum has been utilized as far as possible. The feature of this ship is the steering propeller, which is mounted at the front end of the framework.

When it is desired to direct the airship upward the propeller frame is placed in a vertical position, thus placing the propeller in a horizontal position and causing it to employ its thrust in aiding the ship to rise. When the desired height has been attained the propeller is turned to a vertical position and it can then be used to steer either to the right or the left according to the direction in which its thrust is timed. Should it be necessary to use the propeller to bring the ship to the earth it can be placed in the horizontal position with its thrust directed upward. The diameter of the steering propeller is eight feet, while that of the propeller proper at the rear of the airship is 12 feet. The airship is controlled by four levers within easy reach of the aeronaut. Two of these levers operate the clutches and the other two regulate the throttle and ignition of the motor. The balloon, which is cigar-shaped, is 93 feet in length and has a capacity of 26,000 cubic feet of gas. The perfection of the steering propeller makes it unnecessary to liberate any of the gas in order to descend.

A Phoenix, Arizona, recluse has invented an airship or flying machine with framework of willow twigs made into wings like those of a bird. The rapid movement like the stroke of a bird's wing, he thinks will give his machine the necessary speed and buoyance. He claims to have made several tests of his machine at night, attaining a high velocity and with entire safety. He will not divulge anything relating to his invention.

These are only a few of the unknown and obscure competitors for the rich world's fair airship stakes,

who are held enough to compete with such famous aeronauts as Santos-Dumont, Prof. Langley, Sir Hiram Maxim and others in the greatest race through space that the world has ever seen, the most wonderful contest in history, the most remarkable spectacle of the thousands of attractions at the world's fair.

In Trouble Again.

When his family moved into his fine new house on Court street, Uncle Bill Anderson published that he had applied for a divorce, as his wife had left his bed and board, and taken them with her—into the new house. It was a great joke, although Mrs. Anderson told Bill if he ever put another such a piece in the paper she would disown him. During the long warm spell, Mrs. Anderson has made another move, and gone to cooking and setting the meals in the cellar, and Uncle Bill has taken another funny streak, and is telling that Mrs. Anderson has left him, and taken the "board" with her this time—into the cellar. As a joker Uncle Bill has no limit, and Mrs. Anderson would almost be justified in leaving him to fish for himself for a week or two, if he makes any more fuss when she is always seeking to furnish him the best grub and set his table in the most comfortable part of the house. Almost any man would be satisfied with such a deal as Bill gets all the year around.

Sure Cure for Piles.

Itching Piles produce moisture and cause itching, this form, as well as Bleeding or Protruding Piles are cured by Dr. Bo-sank-o's Pile Remedy. Stops itching and bleeding. Absorbs tumors. 50c a jar at Dr. Sank-o's, Phila., Pa. Write me about your case. For sale by Dr. S. C. Stone, d.

The Kitchen.

Where is there a careful, intelligent housekeeper who does not love a neat, bright, well-arranged kitchen? If she moves, the first thing a woman wants to know about the new home is what kind of a kitchen it has. And why not? A large share of woman's time is spent in her kitchen. While her household duties take her into every part of her house, it is in the kitchen that by far the largest part of her duties are performed. The kitchen is really the woman's workshop, and you will rarely find one who does not take pride in a nice, fully-equipped kitchen. In these days many are the kitchen devices for lightening labor. Stoves are so constructed as to require the least possible attention. Hot and cold water are always on tap. The enameled sink makes for cleanliness. Inexpensive cooking utensils are made that have in view the accomplishing of the best results with the least amount of time, care and labor. The thorough housekeeper is always on the lookout for the best appliances for her kitchen, just as the expert mechanic or professional man is satisfied with only the best tools and instruments. The up-to-date housekeeper is the one who arranges her work methodically, and who brings to her aid as many as possible of those household utensils and conveniences that insure good results and help to make housework easy and pleasant. See kitchen specialties advertised by R. M. Wade & Co.

New Dentist.

Dr. Kelly extracts and fills teeth absolutely painless, by a new process. All work guaranteed for five years. Gray building. Phone Main 1617.

The Stalwart Quartette Sings Tonight at

Allen & Gilbert-Ramaker Co.
299 Commercial Street.

Everybody Invited



The First Cremo Cigar

will convince you of its unusual quality and fragrance.
The first hundred will prove their uniformity.
The first thousand will substantiate the fact that it is a cigar you never tire of—5c.

Largest Seller in the World.
The Band is the Smoker's Protection.

Good Spirits.

Good spirits don't all come from Kentucky. Their main source is the liver—and all the fine spirits ever made in the Blue Grass state could not remedy a bad liver or the hundred and one ill effects it produces. You can't have good spirits and a bad liver at the same time. Your liver must be in fine condition if you would feel buoyant, happy and hopeful, bright of eye, light of step, vigorous and successful in your pursuits. You can put your liver in fine condition by using Green's August Flower—the greatest of all medicines for the liver and stomach and a certain cure for dyspepsia or indigestion. It has been a favorite household remedy for over thirty-five years. August Flower will make your liver healthy and active and thus insure you a liberal supply of "good spirits." Trial size, 25c; regular bottles, 75c. At all druggists. At Dr. Stone's drug stores.

CASTORIA.
The Kind You Have Always Bought
Bears the Signature of *Wm. D. Druggist*

Sealed Bids for Wood.

Sealed bids will be received at the office of the city recorder, in the city hall, until July 8th, for supplying the city with 100 cords of body fir wood, the same to be delivered at the city hall by October 1, 1904, and the same must be good sound wood, cut from live timber.

N. J. JUDAH,
City Recorder.
Salem, June 27, 1904. 6-27-104

Mardi Gras and Carnival at Portland.

A Mardi Gras and carnival will be held at Portland June 28 to July 7 inclusive. Special attractions have been provided to make this the most successful carnival ever given in Portland. Special rates have been granted by the Southern Pacific Co. for this occasion. Sale dates June 27, July 2, 3, 4 and 7. Call on any Southern Pacific agent for particulars. eod

An Every Day Smoke.

You may read about the famous trust-made 5-cent cigars, but remember we have a better one made in Salem—"Our Champion." 2t

Brietenbush Hot Springs.

The trail to the Brietenbush Hot Springs is now open. We are prepared to furnish pack and saddle horses at a very reasonable rate. Parties desiring to go to the Hot Springs or other mountain resorts will find it to their best interests to address the undersigned for information as to rates, etc. **SHORT & MILLOY.**
5-30-tf. Detroit, Ore.

Chittim Bark

Highest Price paid at Fry's Drug Store, Salem, Oregon. Parties desiring to hold their bark for higher prices, will be given Free Storage at our warehouse. We are the largest buyers of Chittim Bark, Oregon Grape Root, Oregon Balsam of Fir and Bees Wax. We will buy for cash, sell on commission, or give you free storage. Write or call upon us before you sell. **DANIEL J. FRY,** Wholesale and Retail Druggist, Salem, Oregon.

THE HOUSE FURNISHING CO.

269 Liberty Street.

DRESSER

A very pretty line of Dressers and Dressing Table, in Golden quartered Oak, Bird's eye Maple and Mahogany just in. You may look the country over and not find their superior



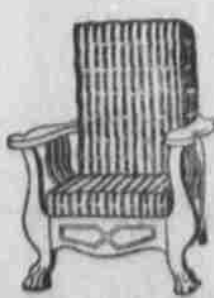
China Closets

Recent arrivals in China Closets puts us in a position to supply you either in Golden Oak or Weathered Oak. Also plain or mirrored backs



MORRIS CHAIRS

The choicest in Morris Chairs, all finishes, all kinds of cushions and upholstering. The simplest and most sensible back adjustment. Mission frames in weathered oak are among the most popular sellers.



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269 Liberty St. Next to Jos. Meyers & Sons. Stores, Salem and Albany.

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Why?

Pay high rates for insurance on unimproved dwellings. The old line companies charge you \$1 for \$500 of insurance, while for 75 cents yearly you get the same amount by becoming a member of the

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A home company working for home insurance on a home plan. Let me tell you about it!

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